

MOTION PICTURE AND TELEVISION ENGINEERING

The Society is a membership organization of motion picture and television engineers, technicians, architects and others, organized in 1916 as the Society of Motion Picture Engineers.

Members who serve on technical committees make their efforts toward improvement, along technical lines, of the motion picture and television industry and film and equipment manufacturers, and they make their recommendations and guides to future progress. These reports are made in publications accessible to all and provide for uniformity of standards and working practices.

The *Journal of the Society*, beginning publication in 1916, has been published since 1916, as an engineering history and technical journal. Its function is technical technical reference for motion picture and television engineers and technicians.

The Society has been and plans to continue to be a vital factor in developing and documenting the technical history of the American motion picture industry, of television, and of all forms of picture recording or reproduction.

Three grades of membership are open to members desiring to join.

Student: Enrollment in a regular course of college formal training is a prerequisite. Student members receive no financial aid but become acquainted with the industry, its engineering practices and its working conditions.

Associate: Associates receive the *Journal* and are invited to participate in conventions and in all local section activities. Although not privileged to vote or hold office themselves, they do enjoy the benefits. A section limited to motion pictures, television or the allied fields of television requires.

Active: Members of Active grade receive the *Journal*, are privileged to vote, hold office, serve on committees or subcommittees. They are, in general, engineers, executives and others who have had previous professional experience in the motion picture or television industry.

Honorary and Fellow: These are granted to those members who are honored and elected because of their outstanding technical contributions or services to the science or art of motion pictures and television.

Sustaining: Members in this grade are individuals or organizations or corporations who are active in some phase of motion pictures or television and who contribute substantially to the financial support of the Society.

JOURNAL OF THE SOCIETY OF
MOTION PICTURE
AND TELEVISION
ENGINEERS

**INDEX-1946
1950**

CONTENTS

INTRODUCTION	PAGE	3
SUBJECT HEADINGS		5-7
SUBJECTS		9-50
AUTHORS		51-70
AMERICAN STANDARDS — by subjects . . .		71-72
by numbers . . .		73-79

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Introduction

THIS INDEX is the fourth issued since the Society was founded and began regular publication of a technical periodical in 1916. The earlier indexes covered periods ending with 1930, 1935 and 1945.

All entries have been chosen to provide a minimum of duplications under different but related subject headings. This keeps the Index to a minimum practical size for the easiest possible use. As a further aid to locating a specific item in the Subject section, all subject headings have been grouped in a single list given on pp. 5-7 so the reader can scan them quickly.

Items within each subject group are arranged with the most recent article cited first. Committee reports, besides appearing under the appropriate subject, are also listed under **SOCIETY ACTIVITIES — Committees, Reports**. Standards will also be found under the particular subject heading and in addition are listed in two special indexes: one arranged alphabetically by subject begins on p. 71; and the other arranged by serial number begins on p. 73.

From 1946 through 1950 there were several supplemental publications that should be noted: single volume indexes were provided as a separate Part II of the June and December JOURNALS in 1948, 1949 and 1950. During 1946 and 1947, they were printed as attached pages of each January and June issue.

Membership Directories were issued in 1946, dated June 30, with supplemental listings in the JOURNAL for June 1947; in 1948 as Part II of the September JOURNAL and in 1950 as Part II of the May JOURNAL.

A group of papers on high-speed photography was published as a separate paper-bound supplement (Part II) of the JOURNAL for March 1949, and then reprinted as the first volume of a series on the subject. The entire November 1949 JOURNAL was devoted to a second group of such papers and in reprint form became *High Speed Photography* Vol. 2. Volume 3 of the series was issued in May 1951 as a composite reprint of all high-speed photography papers published in the JOURNAL during 1950. This Index provides references only for the original appearance in the JOURNAL of each particular paper. Volume 3 contains a cumulative index to all three volumes, plus an extensive 17-page bibliography on the subject which appeared first in the January 1951 JOURNAL.

A list of all available Society publications will be sent to anyone who requests it of Society headquarters.



Subject Headings

ACOUSTICS

AIR-CONDITIONING

AMERICAN STANDARDS ASSOCIATION (see also STANDARDS, pp. 71 and 73,
and SOCIETY ACTIVITIES—Committees, Reports)

Architecture: see STUDIOS, and THEATER

ARCS

General

Projection

Studio Lighting

Awards and Citations: see SOCIETY ACTIVITIES

Background Projection: see PROJECTION—Background

BIOGRAPHIES

BOOK REVIEWS

CAMERAS (see also HIGH-SPEED PHOTOGRAPHY)

CINEMATOGRAPHY (see also HIGH-SPEED PHOTOGRAPHY)

COLOR

Committee Activities and Reports: see specific subject and also SOCIETY
ACTIVITIES—Committees, Reports

CURRENT LITERATURE

Densitometry: see SENSITOMETRY

Developing: see LABORATORY PRACTICE

DISTRIBUTION—*Foreign*

Drive Systems: see MOTOR-DRIVE SYSTEMS

Dubbing: see SOUND RECORDING

Edge-Numbering: see LABORATORY PRACTICE

EDITING (see also LABORATORY PRACTICE)

EDUCATION

Exchange Practice: see DISTRIBUTION

Exposure Meters: see PHOTOMETRY

Federal Communications Commission: see TELEVISION

Fellow Awards: see SOCIETY ACTIVITIES

FILM

General

Educational, Documentary and Training

Libraries

Preservation and Storage

Test

Wear

GENERAL

HIGH-SPEED PHOTOGRAPHY (see also OSCILLOGRAPHY)

General

Applications

Cameras

Lighting

Subject Headings, *cont'd*

HISTORICAL

Intermittent Sprockets: see **SPROCKETS**

Journal Award: see **SOCIETY ACTIVITIES**

LABORATORY PRACTICE (see also **EDITING**)

General
Printing
Processing

Lenses: see **OPTICS**

LIGHTING (see also **ARCS**, **HIGH-SPEED PHOTOGRAPHY**, **PHOTOMETRY**, and **SCREEN BRIGHTNESS**)

General
Projection
Studio

Loudspeakers: see **SOUND REPRODUCTION**

Microphones: see **SOUND RECORDING**

Motion Picture Photography: see **CINEMATOGRAPHY**

MOTOR-DRIVE SYSTEMS

MUSIC (see also **ACOUSTICS**, and **SOUND RECORDING**)

NEW PRODUCTS

NEWSREELS (see also **PRODUCTION**)

OBITUARIES

Optical Printing: see **LABORATORY PRACTICE**

OPTICS

OSCILLOGRAPHY (see also **HIGH-SPEED PHOTOGRAPHY**)

Photography: see **CINEMATOGRAPHY**, and **HIGH-SPEED PHOTOGRAPHY**
PHOTOMETRY (see also **LIGHTING**, **OPTICS**, and **SCREEN BRIGHTNESS**)

PHOTOTEMPLATES

PHOTOTUBES (see also **SOUND REPRODUCTION**)

Polarization: see **STEREOSCOPY**

Post-Synchronization: see **PRODUCTION**, and **SOUND RECORDING**

Printing: see **LABORATORY PRACTICE**, and **SPECIAL EFFECTS**

Process Photography: see **PROJECTION—Background**, and **SPECIAL EFFECTS**

Processing: see **LABORATORY PRACTICE**

PRODUCTION

PROGRESS COMMITTEE REPORTS

Progress Medal Award: see **SOCIETY ACTIVITIES**

PROJECTION

Background (see also **SPECIAL EFFECTS**)
16-Mm and 8-Mm
35-Mm (see also **LIGHTING—Projection**)

PULL-DOWN MECHANISMS

Re-recording: see **SOUND RECORDING**

RESEARCH COUNCIL

Scoring: see **SOUND RECORDING**

SCREEN BRIGHTNESS (see also **ARCS**, and **LIGHTING**)

SCREENS

Subject Headings, cont'd

SENSITOMETRY

SOCIETY ACTIVITIES

General

Awards and Citations

Board Meetings

Committees

Constitution and Bylaws

Conventions

Engineering Activities (News and Brief Reports)

Financial Reports

Letters to the Editor

Membership and Subscriptions

Nominations

Officers and Governors of the Society

Officers' Reports

Section Activities

SOUND RECORDING

General

Magnetic

Photographic

Re-recording

SOUND REPRODUCTION

General

Loudspeakers

Theater

SPECIAL EFFECTS (see also PROJECTION—Background)

Splicing: see **LABORATORY PRACTICE**

SPROCKETS (see also **FILM—General**)

Standards: see the two indexes on pp. 71 and 73 or the specific subject heading

STEREOSCOPY

STUDIOS (see also PRODUCTION)

TELEVISION (see also LIGHTING—Studio, and THEATER TELEVISION)

General

Color

Film Recording

Films

Lighting

Picture Quality

Screens

Studio Production

Test Film: see **FILM—Test**

THEATER

General

Architecture and Design (see also ACOUSTICS)

Lighting

Maintenance and Operation

THEATER TELEVISION

Training Film: see **FILM—Educational, Documentary and Training**



Subject Index

ACOUSTICS

- Behavior of Acoustic Materials, Richard K. Cook, 51: 192-202, Aug. 1948.
Quieting and Noise Isolation, E. J. Content, 51: 184-191, Aug. 1948.
Auditorium Acoustics, J. P. Maxfield, 51: 169-183, Aug. 1948.
Acoustical Factors in the Design of Motion Picture Equipment, Howard C. Hardy, 50: 139-148, Feb. 1948.
Space Acoustics, James Y. Dunbar, 49: 372-388, Oct. 1947.
Sound Absorption and Impedance of Acoustical Materials, Hale J. Sabine, 49: 262-278, Sept. 1947.
Combination Scoring, Re-recording, and Preview Studio, Daniel J. Bloomberg, W. O. Watson, and Michael Rettinger, 49: 3-26, July 1947.
Dubbing and Post-Synchronization Studios, William A. Mueller, 47: 230-237, Sept. 1946.
A Discussion of the Acoustical Properties of Fiberglas, Willis M. Rees and Robert B. Taylor, 46: 52-63, Jan. 1946.

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- Discussion on Ventilating and Air Conditioning, 51: 94-100, July 1948.
Service and Maintenance of Air-Conditioning Systems, W. B. Cott, 51: 92-93, July 1948.
Ultraviolet Air Disinfection in the Theater, L. J. Buttolph, 51: 79-91, July 1948.
Air Purification by Glycol Vapor, J. W. Spiselman, 51: 70-78, July 1948.
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- ASA Correlating Committee, 54: 239, Feb. 1950.
ASA Standards Z10 (Listed), 52: 338, Mar. 1949.
ASA Adopts Universal Decimal Classification System, 51: 552, Nov. 1948.
Incorporation of American Standards Association, 51: 440, Oct. 1948.
ASA Appoints Vice-Admiral Hussey as Administrative Head, 50: 182, Feb. 1948.
New Letter Symbols for Chemical Engineering, 48: 272-273, Mar. 1947.
International Motion Picture Standards, Donald E. Hyndman, 48: 126-128, Feb. 1947.
Standardization and the Antitrust Laws, James D. Hayes, 46: 516-525, June 1946.

Architecture: see STUDIOS, and THEATER

ARCS

General

Effect of Carbon Cooling on High-Current Arcs, Wolfgang Finkelnburg, 52: 407-416, Apr. 1949.

Optimum Performance of High-Brightness Carbon Arcs, M. T. Jones and F. T. Bowditch, 52: 395-406, Apr. 1949.

Light Generation by the High-Intensity Carbon Arc, F. T. Bowditch, 49: 209-217, Sept. 1947.

The Concentrated-Arc Lamp as a Source of Modulated Radiation, W. D. Buckingham and C. R. Deibert, 48: 324-342, Apr. 1947.

Characteristics and Applications of Concentrated-Arc Lamps, W. D. Buckingham and C. R. Deibert, 47: 376-399, Nov. 1946.

Projection

New Projection Lamp and Carbon-Feed Mechanism, J. K. Elderkin, 54: 87-94, Jan. 1950.

Color Measurement of Motion Picture Screen Illumination, R. E. Harrington and F. T. Bowditch, 54: 63-73, Jan. 1950.

High-Intensity Projection Arc Lamp,

Charles A. Hahn, 50: 489-501, May 1948.

Motion Picture Screen Light as a Function of Carbon-Arc-Crater Brightness Distribution, M. T. Jones, 49: 218-240, Sept. 1947.

Recent Developments of Super-High-Intensity Carbon-Arc Lamps, M. A. Hankins, 49: 37-47, July 1947.

Increased Light for Projection of 16-Mm Film with Carbon Arcs, R. J. Zavesky and W. W. Lozier, 48: 447-453, May 1947.

Screen Illumination with Carbon Arc Motion Picture Projection Systems, R. J. Zavesky, C. J. Gertiser, and W. W. Lozier, 48: 73-81, Jan. 1947.

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New Developments in Mercury Lamps for Studio Lighting, F. E. Carlson, 50: 122-138, Feb. 1948.

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Carbon Arcs for Motion Picture and Television Studio Lighting, F. T. Bowditch, M. R. Null and R. J. Zavesky, 46: 441-453, June 1946.

Awards and Citations: see SOCIETY ACTIVITIES

Background Projection: see PROJECTION—Background

BIOGRAPHIES

Gage, Henry Phelps, 50: 89, Jan. 1948.

Dubray, Joseph A., 50: 83, Jan. 1948.

My First Fifty Years in Motion Pictures, Oscar B. Depue, 49: 481-493, Dec. 1947.

Warner, Samuel L., 48: 443-446, May 1947.

Craft, Edward B., 48: 440-443, May 1947.

Case, Theodore W., 48: 437-440, May 1947.

Historical Development of Sound Films, E. I. Sponable, 48: 407-422, May 1947.

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Wilbur B. Rayton, by I. L. Nixon, 48: 217-219, Mar. 1947.

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- Feininger on Photography*, by Andreas Feininger (Reviewed by L. E. Varden), 54: 118, Jan. 1950.
- Painting with Light*, by John Alton (Reviewed by J. W. Boyle), 54: 118, Jan. 1950.
- Acoustic Measurements*, by Leo L. Beranek (Reviewed by Harvey Fletcher), 54: 117, Jan. 1950.
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BOOK REVIEWS, cont'd

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- Enlarging—Technique of the Positive*, by C. I. Jacobson (Reviewed by Joseph S. Friedman), 51: 443, Oct. 1948.
- Preparation and Use of Visual Aids*, by Kenneth B. Haas and Harry G. Packer (Reviewed by W. A. Wittich), 51: 330, Sept. 1948.
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Television—Volume IV (1942–1946). Published by RCA Review (Reviewed by Pierre Mertz), 50: 299–300, Mar. 1948.
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CAMERAS (see also HIGH-SPEED PHOTOGRAPHY)

- A Reflex 35-Mm Magazine Motion Picture Camera, A. Coutant and J. Mathot, 55: 173-179, Aug. 1950.
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- A Stabilization System by Rate Measurement, Avery Lockner, 49: 88-92, July 1947.
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CINEMATOGRAPHY (see also HIGH-SPEED PHOTOGRAPHY)

- U.S. Naval Underwater Cinematography Techniques, R. R. Conger, 55: 627-634, Dec. 1950.
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- Motion Picture Color Photography of Color Television Images, W. R. Fraser, and G. J. Badgley, 54: 735-744, June 1950.
- Light Measurement for Exposure Control, Don Norwood, 54: 585-602, May 1950.
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- A Motion Repeating System for Special Effect Photography, O. L. Dupy, 54: 290-294, Mar. 1950.
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- Research Council Small Camera Crane, André Crot, 52: 273-279, Mar. 1949.
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- Zoomar Lens for 35-Mm Film, F. G. Back, 51: 294-297, Sept. 1948.
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CINEMATOGRAPHY, cont'd

- Adaptations and Applications of 16-Mm Motion Picture Equipment to Medical and Scientific Needs, Mervin W. La Rue, Sr., and Mervin W. La Rue, Jr., 49: 241-247, Sept. 1947.
- Remote Control and Automatic Focusing of Lenses, H. C. Silent, 49: 130-139, Aug. 1947.
- A Stabilization System by Rate Measurement, Avery Lockner, 49: 88-92, July 1947.
- The Physical Properties and the Practical Application of the Zoomar Lens, Frank G. Back, 49: 57-63, July 1947.
- Motion Pictures on Operation Crossroads, Richard J. Cunningham, 48: 554-559, June 1947.
- Lighting and Exposure Control in Color Cinematography, Ralph A. Woodsey, 48: 548-553, June 1947.
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- Zoom Lens for Motion Picture Cameras with Single-Barrel Linear Movement, Frank G. Back, 47: 464-468, Dec. 1946.
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COLOR

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Post-Synchronization: see PRODUCTION, and SOUND RECORDING

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Process Photography: see PROJECTION—Background, and SPECIAL EFFECTS

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- A Restatement of Policy, 54: 233, Feb. 1950
- George Eastman House, 53: 710, Dec. 1949
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- Reprinting Material from the Journal, 53: 309, Sept. 1949
- Committee Changes, 53: 308, Sept. 1949
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- Public Relations, 52: 601, May 1949
- Response to Journal-Contents Questionnaire, 52: 600, May 1949
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- Ten-Year Index-1936-1945, 50: 521, May 1948
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- Descriptions: 54: 113, Jan. 1950; 52: 474, Apr. 1949; 50: 408, Apr. 1948; 48: 384, Apr. 1947; 46: 333, Apr. 1946.

Fellow Awards

- (1950) 55: 649, Dec. 1950
- | | |
|----------------|------------------|
| Badgley, G. J. | Kolb, F. J., Jr. |
| Beers, G. L. | Livadary, J. P. |
| Bragg, H. E. | Lodge, W. B. |
| Gage, F. W. | Nemec, Boyce |
| Garman, R. L. | Rosher, Charles |
| Jones, Watson | Waddell, J. H. |
- Yorke, Emerson

- (1949) 53: 421, Oct. 1949
- | | |
|-------------------|----------------|
| Aiken, J. E. | Fordyce, C. R. |
| Best, G. M. | Grignon, L. D. |
| Bloomberg, D. J. | Hankins, M. A. |
| Duerr, H. H. | Misener, G. C. |
| DuMont, A. B. | Seeley, E. S. |
| Eich, F. L. | Volkman, J. E. |
| Farnsworth, P. T. | Waller, Fred |

- (1948) 52: 103, Jan. 1949
- | | |
|------------------|-----------------|
| Albin, F. T. | Jones, M. T. |
| Arnold, Paul | Lyman, D. F. |
| Colburn, G. W. | Mertz, Pierre |
| Crane, G. R. | Neu, O. F. |
| Dimmick, C. L. | Scoville, R. R. |
| Edgerton, H. E. | Simmons, N. L. |
| Goldsmith, T. T. | Slyfield, C. O. |
| Harsh, H. C. | White, H. E. |

(1947) 50: 85-86, Jan. 1948

- | | |
|---------------------|------------------|
| Altman, F. E. | Kingslake, R. |
| Blaney, A. C. | Linderman, R. G. |
| Brenkert, Karl, Sr. | Talbot, R. H. |
| Brigandi, P. E. | Townsley, M. G. |
| Dash, C. C. | Tuttle, Fordyce |
| Hatch, A. J. | Van Niman, R. T. |
- Zavesky, R. J.

(1946) 47: 521, Dec. 1946

- | | |
|-----------------|-------------------|
| Austrian, R. B. | Moulton, T. T. |
| Bertram, E. A. | Sachtleben, L. T. |
| Boyle, J. W. | Shapiro, Abraham |
- Offenhauser, W. H., Jr.

Honor Roll

- Case, Theodore W., 48: 437, May 1947; 47: 521, Dec. 1946.
- Craft, Edward B., 48: 440, May 1947; 47: 521, Dec. 1946.
- Warner, Samuel L., 48: 443, May 1947; 47: 521, Dec. 1946.

Honorary Members

- Announcements: 55: 660, Dec. 1950; 54: 514, Apr. 1950; 390, Mar. 1950.
- (1950) 55: 650, Dec. 1950
- | | |
|----------------|-----------------|
| Kellogg, E. W. | Zworykin, V. K. |
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SOCIETY ACTIVITIES, cont'd

Journal Award

Regulations and Former Recipients: 54: 641, May 1950; 52: 475, Apr. 1949; 50: 408, Apr. 1948; 48: 384, Apr. 1947; 46: 333, Apr. 1946.

(1950) 53: 650, Dec. 1950

Kolb, F. J., Jr.

Hon. Mention: Robert Herr, C. R. Keith, B. F. Murphey, Vincent Pagliarulo and W. W. Wetzel.

(1949) 53: 419-421, Oct. 1949

Albin, F. G.

Hon. Mention: C. R. Fordyce and J. A. Maurer

(1948) 52: 107-108, Jan. 1949

Chandler, J. S.; Lyman, D. F.; and Martin, L. R.

(1947) 50: 84, Jan. 1948

Rose, Albert

(1946) 47: 520, Dec. 1946

Talbot, Ralph H.

Progress Medal Award

Regulations and Former Recipients: 54: 642, May 1950; 52: 475, 478, Apr. 1949; 50: 409, 414, Apr. 1948; 48: 385, Apr. 1947; 46: 334, Apr. 1946.

Zworykin, V. K., (1950), 53: 651-652, Dec. 1950

Fletcher, Harvey, (1949), 53: 417, Oct. 1949

Mole, Peter, (1948), 52: 104-105, Jan. 1949

Frayne, J. G., (1947), 50: 80-81, Jan. 1948

David Sarnoff Medal

Announcement, 55: 653, Dec. 1950

Board Meetings

55: 647-648, Dec. 1950
216, Aug. 1950

Committees

Listing and Personnel

55: 337-340, Sept. 1950
(Engineering Only)

54: 515-522, Apr. 1950

52: 481-493, Apr. 1947

51: 312-322, Sept. 1948

50: 505-514, May 1948

49: 289-295, Sept. 1947

Scrolls of Achievement

47: 521-524, Dec. 1946

Western Electric Company, Inc.

Westinghouse Electric and Manufacturing Company

Metro-Goldwyn-Mayer Studios

RCA Victor Division, Radio Corporation of America

Twentieth Century-Fox Film Corporation
Lee de Forest

Bell Telephone Laboratories, Inc.

General Electric Company

47: 124-131, Aug. 1946

Presentation of Scroll to Thomas Armat
by Donald E. Hyndman, President

Presentation of Scroll to Warner Brothers
by Donald E. Hyndman, President

Special Awards

Plaque Presented to Donald E. Hyndman, 52: 597-599, May 1949

Citation on the Work of Ralph H. Talbot, 48: 65-66, Jan. 1947

Citation on the Work of Charles J. Kunz, Herbert E. Goldberg and Charles E. Ives, by Glenn E. Matthews, 46: 1-3, Jan. 1946

Samuel L. Warner Memorial Award

Regulations and Former Recipients: 54: 643, May 1950; 52: 477, Apr. 1949; 50: 410, Apr. 1948; 47: 525, Dec. 1946 (Announcement).

Fordyce, Charles R., (1950), 53: 650-651, Dec. 1950

Evans, R. M., (1949), 53: 418-419, Oct. 1949

Levinson, Nathan, (1948), 52: 105-106, Jan. 1949

Maurer, John A., (1947), 50: 82-83, Jan. 1948

54: 644-645, May 1950
234, Feb. 1950

48: 365-371, Apr. 1947

46: 315-321, Apr. 1946

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Laboratory Practice Committee Report,
John G. Stott, Chairman, 55: 213-215,
Aug. 1950

Color Committee Report, H. H. Duerr,
Chairman, 55: 113-116, July 1950

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- Screen Brightness Committee Report, W. W. Lozier, Chairman, 54: 756-757, June 1950
- 16-Mm and 8-Mm Motion Picture Committee Report, H. J. Hood, Chairman, 54: 754-755, June 1950
- Progress Committee Report, C. W. Handley, Chairman, 54: 525-544, May 1950
- Characteristics of Color Film Sound Tracks, Color Committee Report, L. T. Goldsmith, Chairman, 54: 377-378, Mar. 1950
- Report of SMPE Standards Committee, F. E. Carlson, Chairman, 54: 102-105, Jan. 1950
- Report of High-Speed Photography Committee, J. H. Waddell, Chairman, 53: 602-603, Nov. 1949
- Report of Lens-Calibration Subcommittee, Rudolf Kingslake, Chairman, 53: 368-378, Oct. 1949
- Statement on Theater Television, Theater Television Committee, D. E. Hyndman, Chairman, 53: 354-362, Oct. 1949
- Progress Report—Theater Television, Barton Kreuzer, 53: 128-136, Aug. 1949
- Report of SMPE Progress Committee, C. R. Sawyer, Chairman, 52: 580-596, May 1949
- Films in Television, Television Committee, D. R. White, Chairman, 52: 363-383, Apr. 1949
- Theater Television, Theater Television Committee, D. E. Hyndman, Chairman, 52: 243-272, Mar. 1949
- Report of the Studio Lighting Committee, M. A. Hankins, Chairman, 51: 656-666, Dec. 1948
- Report of Studio Lighting Committee (1947), C. W. Handley, Chairman, 51: 431-436, Oct. 1948
- Report of SMPE Standards Committee, F. T. Bowditch, Chairman, 51: 230-241, Sept. 1948
- Report of SMPE Progress Committee, C. R. Sawyer, Chairman, 50: 523-542, June 1948
- Report of ASA Committee on Standards for Motion Pictures, Z22, 50: 274-278, Mar. 1948
- Report of Screen-Brightness Committee, E. R. Geib, Chairman, 50: 260-273, Mar. 1948
- Review of SMPE Work on Screen Brightness, Boyce Nemec, 50: 254-259, Mar. 1948
- Report of Studio Lighting Committee, C. W. Handley, Chairman, 49: 279-288, Sept. 1947
- Proposed Standard for 35-Mm Flutter Test Films—Report of the SMPE Committee on Sound, 49: 160-161, Aug. 1947
- Proposed Standard Specifications for Flutter or Wow as Related to Sound Records—Report of the SMPE Committee on Sound, 49: 147-159, Aug. 1947
- Report of the SMPE Committee on Progress, W. V. Wolfe, Chairman, 48: 304-316, Apr. 1947
- Report of the Committee on Theater Engineering, Construction, and Operation, Henry Anderson, Chairman, 48: 173-175, Feb. 1947
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 271, Mar. 1947
 180, Feb. 1947
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 441, Nov. 1946
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 337, Apr. 1946
 164, Feb. 1946
 85, Jan. 1946

Central

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 240, Feb. 1950
 115-116, Jan. 1950
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 601, May 1949
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 110, Jan. 1949
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 298, Mar. 1948
 180, Feb. 1948
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 392, Apr. 1947
 271-272, Mar. 1947
 180, Feb. 1947
 83, Jan. 1947
 47: 525-526, Dec. 1946
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 387, Mar. 1950
 240, Feb. 1950
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 180, Feb. 1948
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American Standards - by subjects

These standards are those in force at Index press time, with the exception of those with an asterisk which are in an active phase of revision.*

Apertures, Camera	
8-Mm	Z22.19-1941*
16-Mm Silent	Z22.7 -1941*
16-Mm Sound	Z22.13-1941*
35-Mm Sound	Z22.59-1947
Apertures, Printer	
16-Mm Contact (positive from negative)	Z22.48-1946
16-Mm Contact (reversal dupes)	Z22.49-1946
35- to 16-Mm (16-Mm positive prints)	Z22.46-1946
35- to 16-Mm (16-Mm dupe negative)	Z22.47-1946
Apertures, Projector	
8-Mm	Z22.20-1941*
16-Mm Silent	Z22.8 -1941*
16-Mm Sound	Z22.14-1941*
35-Mm Sound	Z22.58-1947
Film, Cores for Raw Stock	
16-Mm	Z22.38-1944
35-Mm	Z22.37-1944
Film, Cutting and Perforating	
8-Mm	Z22.17-1947
16-Mm Silent	Z22.5 -1947
16-Mm Sound	Z22.12-1947
35-Mm Negative	Z22.34-1949
35-Mm Positive	Z22.36-1947
Film, Definition of Safety	
Z22.31-1946	
Film Density Measurements	
(includes Z38.2.5-1946)	
Film, Emulsion Position	
8-Mm Negative	Z22.21-1946
8-Mm Positive	Z22.22-1947
16-Mm Negative Silent	Z22.9 -1946
16-Mm Negative Sound	Z22.15-1946
16-Mm Positive Silent	Z22.10-1947
16-Mm Positive Sound	Z22.16-1947
35-Mm Negative	Z22.2 -1946
35-Mm Positive	Z22.3 -1946
Film, Nomenclature	
Z22.56-1947	
Film, Processing Tests	
Cross Modulation	Z22.52-1946
Intermodulation	Z22.51-1946

AMERICAN STANDARDS — by subjects, *cont'd*

Filters, Electrical	Z22.33-1941°
Projection Rooms and Lenses	Z22.28-1946
Raw Stock, Cutting and Perforating	
32-Mm Sound	Z22.71-1950
32-Mm Silent	Z22.72-1950
Reels	
8-Mm	Z22.23-1941°
16-Mm	Z22.11-1941°
35-Mm	Z22.4 -1941°
Reel Spindles, 16-Mm	Z22.50-1946
Release Prints, 35-Mm	Z22.55-1947
Screen	
Brightness	Z22.39-1944
Dimensions	Z22.29-1948
Mounting Frames	Z22.78-1950
Sound-Track Dimensions	
16-Mm	Z22.41-1946
35-Mm	Z22.40-1946
35-Mm Double Width Push-Pull, Normal	Z22.69-1948
35-Mm Double Width Push-Pull, Offset	Z22.70-1948
Splices	
16-Mm Silent	Z22.24-1941°
16-Mm Sound	Z22.25-1941°
Sprockets	
35-Mm	Z22.35-1947
16-Mm	(SMPTE Recommended Practice)
Test Films	
16-Mm 400-Cycle Signal Level	Z22.45-1946
3000-Cycle Flutter	Z22.43-1946
5000-Cycle Sound Focusing	Z22.42-1946
7000-Cycle Sound Focusing	Z22.42-1946
Buzz-Track	Z22.57-1947
Multi-Frequency	Z22.44-1946
Resolution Target (Test Plate)	Z22.53-1946
Travel Ghost	Z22.54-1946
Sound Projector	Z22.79-1950
Scanning Beam Illumination, Laboratory Type	Z22.80-1950
Scanning Beam, Service Type	Z22.81-1950
35-Mm 1000-Cycle Balancing	Z22.67-1948
9000-Cycle Sound Focusing	Z22.62-1948
7000-Cycle Sound Focusing	Z22.61-1949
Scanning Beam Illumination, Laboratory Type	Z22.66-1948
Scanning Beam, Service Type	Z22.65-1948
Theater Test Reel	Z22.60-1948
Buzz Track	Z22.68-1949

American Standards - by numbers

<i>No.</i>	<i>Title</i>	<i>Vol., page, issue</i>
Z22.1	Proposed, Cutting and Perforating Dimensions for 35-Mm Motion Picture Combination Positive-Negative Raw Stock	52: 449, Apr. 1949
	— 1930, Cutting and Perforating Negative and Positive Raw Stock for 35-Mm Motion Picture Film	30: 261, Mar. 1938
Z22.2-1946	Emulsion and Sound Record Positions in Camera for 35-Mm Sound Motion Picture Film	46: 287, Apr. 1946
	.....	36: 220, Mar. 1941
Z22.3-1946	Emulsion and Sound Record Positions in Projector for 35-Mm Sound Motion Picture Film	46: 288, Apr. 1946
	.....	36: 221, Mar. 1941
Z22.4-1941	Projection Reels for 35-Mm Film	36: 222, Mar. 1941
Z22.5-1947	Cutting and Perforating Dimensions for 16-Mm Silent Motion Picture Negative and Positive Raw Stock	49: 172, Aug. 1947
	.....	36: 223, Mar. 1941
Z22.6-1941	Projector Sprockets for 16-Mm Film	36: 224, Mar. 1941
Z22.7-1950	Location and Size of Picture Aperture of 16-Mm Motion Picture Cameras	54: 495, Apr. 1950
	Proposed	52: 339, Mar. 1949
	Camera Aperture for 16-Mm Silent Film	36: 225, Mar. 1941
Z22.8-1950	Location and Size of Picture Aperture of 16-Mm Motion Picture Projectors	54: 498, Apr. 1950
	Proposed	52: 342, Mar. 1949
	Projector Aperture for 16-Mm Silent Film	36: 226, Mar. 1941
Z22.9-1946	Emulsion Position in Camera for 16-Mm Silent Motion Picture Film	46: 289, Apr. 1946
	Emulsion Position in Camera—Negative for 16-Mm Silent Film	36: 227, Mar. 1941
Z22.10-1947	Emulsion Position in Projector for Direct Front Projection of 16-Mm Silent Motion Picture Film	49: 555, Dec. 1947
	Emulsion Position in Projector—Positive for Direct Front Projection of 16-Mm Silent Film	36: 228, Mar. 1941

AMERICAN STANDARDS — by numbers, *cont'd*

<i>No.</i>	<i>Title</i>	<i>Vol., page, issue</i>
PH22.11 (Z22.11)	Proposed, 16-Mm Motion Picture Projection Reels (Second Draft) — (First Draft)	56: 241, Feb. 1951 54: 229, Feb. 1950
	Projection Reels for 16-Mm Motion Picture Film	36: 229, Mar. 1941
Z22.12-1947	Cutting and Perforating Dimensions for 16-Mm Sound Motion Picture Negative and Positive Raw Stock —	49: 174, Aug. 1947 36: 230, Mar. 1941
Z22.13-1941	For current standard see Z22.7-1950 Camera Aperture for 16-Mm Sound Film	36: 231, Mar. 1941
Z22.14-1941	For current standard see Z22.8-1950 Projector Aperture for 16-Mm Sound Film	36: 232, Mar. 1941
Z22.15-1946	Emulsion and Sound Record Positions in Camera for 16-Mm Sound Motion Picture Film Emulsion and Sound Record Positions in Camera—Negative for 16-Mm Sound Film	46: 290, Apr. 1946 36: 233, Mar. 1941
Z22.16-1947	Emulsion and Sound Record Positions in Pro- jector for Direct Front Projection of 16-Mm Sound Motion Picture Film Emulsion and Sound Record Positions in Projector—Positive for Direct Front Projec- tion for 16-Mm Sound Film	49: 556, Dec. 1947 36: 234, Mar. 1941
Z22.17-1947	Cutting and Perforating Dimensions for 8-Mm Motion Picture Negative and Positive Raw Stock —	49: 176, Aug. 1947 36: 235, Mar. 1941
Z22.18-1941	8-Tooth Projector Sprockets for 8-Mm Motion Picture Film	36: 236, Mar. 1941
Z22.19-1950	Location and Size of Picture Aperture of 8-Mm Motion Picture Cameras Proposed	54: 501, Apr. 1950 52: 345, Mar. 1949
	Camera Aperture for 8-Mm Silent Film	36: 237, Mar. 1941
Z22.20-1950	Location and Size of Picture Aperture of 8-Mm Motion Picture Projectors Proposed	54: 503, Apr. 1950 52: 347, Mar. 1949
	Projector Aperture for 8-Mm Silent Film	36: 238, Mar. 1941
Z22.21-1946	Emulsion Position in Camera for 8-Mm Silent Motion Picture Film Emulsion Position in Camera—Negative for 8-Mm Silent Film	46: 291, Apr. 1946 36: 239, Mar. 1941

AMERICAN STANDARDS — by numbers, *cont'd*

<i>No.</i>	<i>Title</i>	<i>Vol., page, issue</i>
Z22.22-1947	Emulsion Position in Projector for Direct Front Projection of 8-Mm Silent Motion Picture Film	49: 557, Dec. 1947
	Emulsion Position in Projector—Positive for Direct Front Projection for 8-Mm Silent Film	36: 240, Mar. 1941
Z22.23-1941	Projection Reels for 8-Mm Silent Motion Picture Film	36: 241, Mar. 1941
PH22.24 (Z22.24 and Z22.25)	Proposed, Splices for 16-Mm Motion Picture Films for Projection	56: 358, Mar. 1951
	American Recommended Practice for Film Splices Negative and Positive for 16-Mm Silent Film (See Z22.25-1941)	36: 242, Mar. 1941
Z22.25-1941	American Recommended Practice for Film Splices Negative and Positive for 16-Mm Sound Film (See PH22.24)	36: 243, Mar. 1941
Z22.26-1941	American Recommended Practice for Sensitometry	36: 244, Mar. 1941
Z22.27-1947	Method of Determining Transmission Density of Motion Picture Films	50: 283, Mar. 1948
	American Recommended Practice for Photographic Density	36: 245, Mar. 1941
Z22.28-1946	Dimensions for Projection Rooms and Lenses for Motion Picture Theaters	47: 259, Sept. 1946
	American Recommended Practice for Projection Rooms	36: 246, Mar. 1941
Z22.29-1948	Theater Projection Screens	51: 535, Nov. 1948
	Dimensions for Theater Projection Screens	47: 260, Sept. 1946
	American Recommended Practice for Projection Screens	36: 247, Mar. 1941
Z22.30-1941	American Recommended Practice for Nomenclature	36: 248, Mar. 1941
Z22.31-1946	Definition for Motion Picture Safety Film	47: 261, Sept. 1946
	American Recommended Practice for Safety Film	36: 249, Mar. 1941
Z22.32-1941	Cancelled	50: 276, Mar. 1948
	American Recommended Practice for Motion Picture Film, Theater Sound Fader Setting Instructions	48: 390, Apr. 1947
	American Recommended Practice for Fader Setting Instructions	36: 250, Mar. 1941

AMERICAN STANDARDS — by numbers, *cont'd*

<i>No.</i>	<i>Title</i>	<i>Vol., page, issue</i>
Z22.33-1941	American Recommended Practice for Nomenclature for Filters	36: 252, Mar. 1941
Z22.34-1944	Recommended for Reaffirmation	52: 358, Mar. 1949
	Cutting and Perforating Negative Raw Stock for 35-Mm Motion Picture Film	43: 124, Aug. 1944
	Cutting and Perforating Negative and Positive Raw Stock for 35-Mm Film	36: 254, Mar. 1941
Z22.35-1947	16-Tooth 35-Mm Motion Picture Projector Sprockets	49: 178, Aug. 1947
	16-Tooth Projector Sprockets for 35-Mm Film	36: 255, Mar. 1941
Z22.36-1947	Cutting and Perforating Dimensions for 35-Mm Motion Picture Positive Raw Stock	49: 179, Aug. 1947
	Cutting and Perforating Positive Raw Stock for 35-Mm Motion Picture Film	43: 125, Aug. 1944
Z22.37-1944	Raw Stock Cores for 35-Mm Motion Picture Film	47: 262, Sept. 1946
	.....	43: 126, Aug. 1944
Z22.38-1944	Raw Stock Cores for 16-Mm Motion Picture Film	47: 263, Sept. 1946
	.....	43: 127, Aug. 1944
Z22.39-1944	Screen Brightness for 35-Mm Motion Pictures	47: 264, Sept. 1946
	.....	43: 128, Aug. 1944
Z22.40-1950	Dimensions and Locations for Sound Records and Scanning Area of 35-Mm Sound Motion Picture Prints	56: 114, Jan. 1951
	Sound Records and Scanning Area of 35-Mm Sound Motion Picture Prints	46: 292, Apr. 1946
Z22.41-1946	Sound Records and Scanning Area of 16-Mm Sound Motion Picture Prints	46: 293, Apr. 1946
Z22.42-1946	Sound-Focusing Test Films for 16-Mm Sound Motion Picture Projection Equipment	46: 294, Apr. 1946
Z22.43-1946	3000-Cycle Flutter Test Film for 16-Mm Sound Motion Picture Projectors	46: 295, Apr. 1946
Z22.44-1946	Specification for Multi-Frequency Test Film for Field Testing 16-Mm Sound Motion Picture Projection Equipment	46: 296, Apr. 1946
Z22.45-1946	Specifications for 400-Cycle Signal Level Test Film for 16-Mm Sound Motion Picture Projection Equipment	46: 297, Apr. 1946
Z22.46-1946	16-Mm Positive Aperture Dimensions and Image Size for Positive Prints Made from 35-Mm Negatives	46: 298, Apr. 1946

AMERICAN STANDARDS — by numbers, *cont'd*

<i>No.</i>	<i>Title</i>	<i>Vol., page, issue</i>
Z22.47-1946	Negative Aperture Dimensions and Image Size for 16-Mm Duplicate Negatives Made from 35-Mm Positive Prints	46: 299, Apr. 1946
Z22.48-1946	Printer Aperture Dimensions for Contact Printing 16-Mm Positive Prints from 16-Mm Negatives	46: 300, Apr. 1946
Z22.49-1946	Printer Aperture Dimensions for Contact Printing 16-Mm Reversal and Color Reversal Duplicate Prints	46: 301, Apr. 1946
Z22.50-1946	Reel Spindles for 16-Mm Motion Picture Projectors	
Z22.51-1946	Method of Making Intermodulation Tests on Variable-Density 16-Mm Sound Motion Picture Prints	46: 303, Apr. 1946
Z22.52-1946	Method of Making Cross-Modulation Tests on Variable-Area 16-Mm Sound Motion Picture Prints	46: 305, Apr. 1946
Z22.53-1946	Method of Determining Resolving Power of 16-Mm Motion Picture Projector Lenses	46: 307, Apr. 1946
Z22.54-1946	Method of Determining Freedom from Travel Ghost in 16-Mm Sound Motion Picture Projectors	46: 309, Apr. 1946
Z22.55-1947	Specification for 35-Mm Sound Motion Picture Release Prints in Standard 2000-Foot Lengths	50: 284, Mar. 1948
Z22.56-1947	Film Nomenclature (Reference is only description of the separately published Standard) Z52 War Standard	50: 275, 1948 44: 285, Apr. 1945
Z22.57-1947	Buzz-Track Test Film for 16-Mm Motion Picture Sound Reproducers	51: 537, Nov. 1948
Z22.58-1947	Picture Projection Aperture of 35-Mm Sound Motion Picture Projectors	50: 286, Mar. 1948
Z22.59-1947	Photographing Aperture of 35-Mm Sound Motion Picture Cameras	50: 287, Mar. 1948
Z22.60-1948	Theater Sound Test Film for 35-Mm Motion Picture Sound Reproducing Systems Proposed	51: 539, Nov. 1948 50: 275, Mar. 1948
Z22.61-1949	Sound Focusing Test Film for 35-Mm Motion Picture Sound Reproducers (Service Type) Proposed	54: 107, Jan. 1950 50: 275, Mar. 1948
Z22.62-1948	Sound Focusing Test Film for 35-Mm Motion Picture Sound Reproducers (Laboratory Type) Proposed	51: 541, Nov. 1948 50: 275, Mar. 1948

AMERICAN STANDARDS — by numbers, *cont'd*

No.	Title	Vol., page, issue
Z22.63	Proposed, Service-Type Multifrequency Test Film for 35-Mm Motion Picture Sound Reproducers	50: 275, Mar. 1948
Z22.64	Laboratory-Type Multifrequency Test Film for 35-Mm Motion Picture Sound Reproducers	50: 275, Mar. 1948
Z22.65-1948	Scanning-Beam Uniformity Test Film for 35-Mm Motion Picture Sound Reproducers (Service Type)	51: 542, Nov. 1948
	Proposed	50: 275, Mar. 1948
Z22.66-1948	Scanning-Beam Uniformity Test Film for 35-Mm Motion Picture Sound Reproducers (Laboratory Type)	51: 543, Nov. 1948
	Proposed	50: 275, Mar. 1948
Z22.67-1948	1000-Cycle Balancing Test Film for 35-Mm Motion Picture Sound Reproducers	51: 545, Nov. 1948
	Proposed	50: 275, Mar. 1948
Z22.68-1949	Buzz-Track Test Film for 35-Mm Motion Picture Sound Reproducers	54: 108, Jan. 1950
	Proposed	50: 276, Mar. 1948
Z22.69-1948	Sounds Records and Scanning Area of Double Width Push-Pull Sound Prints Normal Centerline Type	51: 547, Nov. 1948
Z22.70-1948	Sound Records and Scanning Area of Double Width Push-Pull Sound Prints Offset Centerline Type	51: 548, Nov. 1948
PH22.71-1950 (Z22.71-1950)	Cutting and Perforating Dimensions for 32-Mm Sound Motion Picture Negative and Positive Raw Stock	56: 237, Feb. 1951
	Proposed	52: 225, Feb. 1949
PH22.72-1950 (Z22.72-1950)	Cutting and Perforating Dimensions for 32-Mm Silent Motion Picture Negative and Positive Raw Stock	56: 239, Feb. 1951
	Proposed	52: 227, Feb. 1949
Z22.73	Proposed, Cutting and Perforating Dimensions for 32-Mm on 35-Mm Motion Picture Negative Raw Stock	52: 229, Feb. 1949
Z22.74	Proposed, Base Point for Focusing Scales on 16-Mm and 8-Mm Motion Picture Cameras	53: 297, Sept. 1949
Z22.75	Proposed, A and B Windings of 16-Mm Raw-Stock Film With Perforations Along One Edge (Second Draft)	56: 113, Jan. 1951
	Proposed, For Winding of 16-Mm Sound Film (First Draft)	53: 298, Sept. 1949

AMERICAN STANDARDS — by numbers, *cont'd*

<i>No.</i>	<i>Title</i>	<i>Vol., page, issue</i>
Z22.76	Proposed, Mounting Threads and Flange Focal Distances for Lenses on 16- and 8-Mm Motion Picture Cameras	53: 299, Sept. 1949
PH22.77 (Z22.77)	Proposed, Splices for 8-Mm Motion Picture Films	56: 361, Mar. 1951
Z22.78-1950	Mounting Frames for Theater Projection Screens	54: 505, Apr. 1950
Z22.79-1950	16-Mm Sound Projector Test Film	54: 507, Apr. 1950
Z22.80-1950	Scanning-Beam Uniformity Test Film for 16-Mm Motion Picture Sound Reproducers (Laboratory Type)	55: 118, July 1950
Z22.81-1950	Scanning-Beam Uniformity Test Film for 16-Mm Motion Picture Sound Reproducers (Service Type)	55: 119, July 1950
Z22.82	Proposed, Sound Transmission of Theater Projection Screens	55: 120, July 1950
Z22.83	Proposed, Edge Numbering 16-Mm Motion Picture Film	56: 115, Jan. 1951
PH22.84	Proposed, Dimensions for Projection Lamps Medium Prefocus Ring Double-Contact Base-Up Type for 16-Mm and 8-Mm Motion Picture Projectors	56: 244, Feb. 1951
PH22.85	Proposed, Dimensions for Projection Lamps Medium Prefocus Base-Down Type for 16-Mm and 8-Mm Motion Picture Projectors	56: 246, Feb. 1951
Z38.3.1	Definition of Safety Film	50: 288, Mar. 1948





